



# POLUCHEM LABORATORIES PVT LTD

CHEMICAL, ENVIRONMENTAL AND MICROBIOLOGY LABORATORY

PALLATH BUILDING, NORTH KALAMASSERY, ERNAKULAM - 683104

Phone : 0484-2544030, 8281982322, 9747400085, [www.poluchem.com](http://www.poluchem.com), [poluchem@gmail.com](mailto:poluchem@gmail.com)

ACCREDITED BY KSPCB AS "A" GRADE LABORATORY

## TEST REPORT

Page 01 of 01

Ref.No. PL/RT/DW/7638/2025

Date of Issue: 25/06/2025

Name & address of customer

: M/s. Jyothi Public School  
Nalamile

Sample drawn by

: The Customer

Sample description

: Treated Water

Date of receipt of sample

: 21/06/2025

Date of analysis started

: 21/06/2025

Date of completion of analysis

: 25/06/2025

Parameters	Test Method	Results	Acceptable Limit As per IS - 10500 - 2023
pH	IS 3025 (P) 11 RA2022	7.01	6.5 - 8.5
Colour	IS 3025 (P) 04 RA2021	4 Hazen Unit	5 Hazen Unit
Odour	IS 3025 (P) 05 RA2018	Agreeable	Agreeable
Turbidity	IS 3025 (P) 10 RA2023	0.4 NTU	1 NTU
Total Dissolved Solids	IS 3025 (P) 16 RA2023	45.5 mg/l	500 mg/l
Total Hardness as $\text{CaCO}_3$	IS 3025 (P) 21 RA2023	21.78 mg/l	200 mg/l
Calcium as Ca	IS 3025 (P) 40 RA2024	6.34 mg/l	75 mg/l
Magnesium as Mg	IS 3025 (P) 46 RA2023	1.44 mg/l	30 mg/l
Chloride as $\text{Cl}^-$	IS 3025 (P) 32 RA2019	8.93 mg/l	250 mg/l
Total Iron as Fe	IS 3025 (P) 53 RA2024	0.15 mg/l	1 mg/l
Sulphate as $\text{SO}_4$	IS 3025 (P) 24 RA2022	10.31 mg/l	200 mg/l
Total Alkalinity as $\text{CaCO}_3$	IS 3025 (P) 23 RA2023	13.72 mg/l	200 mg/l
Coliforms (MPN/100ml)	IS 1622: 1981 RA 2019	Absent	Absent
Ecoli (Present or Absent/100ml)	IS 1622: 1981 RA 2019	Absent	Absent

Note :BDL- Below Detection Level

Remark: As per the above test results, the sample conforms to the limit IS 10500 for drinking water purpose.

For Poluchem Laboratories (P) Ltd.

Authorized Signatory.

**SREEJA RAMESH**  
QUALITY MANAGER

POLUCHEM LABORATORIES PVT. LTD

\*End of the report\*

The above results are related only to the sample submitted for analysis. This test report shall not be reproduced except in full, without the written approval of the laboratory.



**PRINCIPAL**  
JYOTHI PUBLIC SCHOOL  
NALAMILE, ALUVA - 683 112

